

→ To enable direct connections:

Router(config)# interface fast Ethernet 0/0.

Router(config)# ip address 10.0.0.1 255.0.0.0

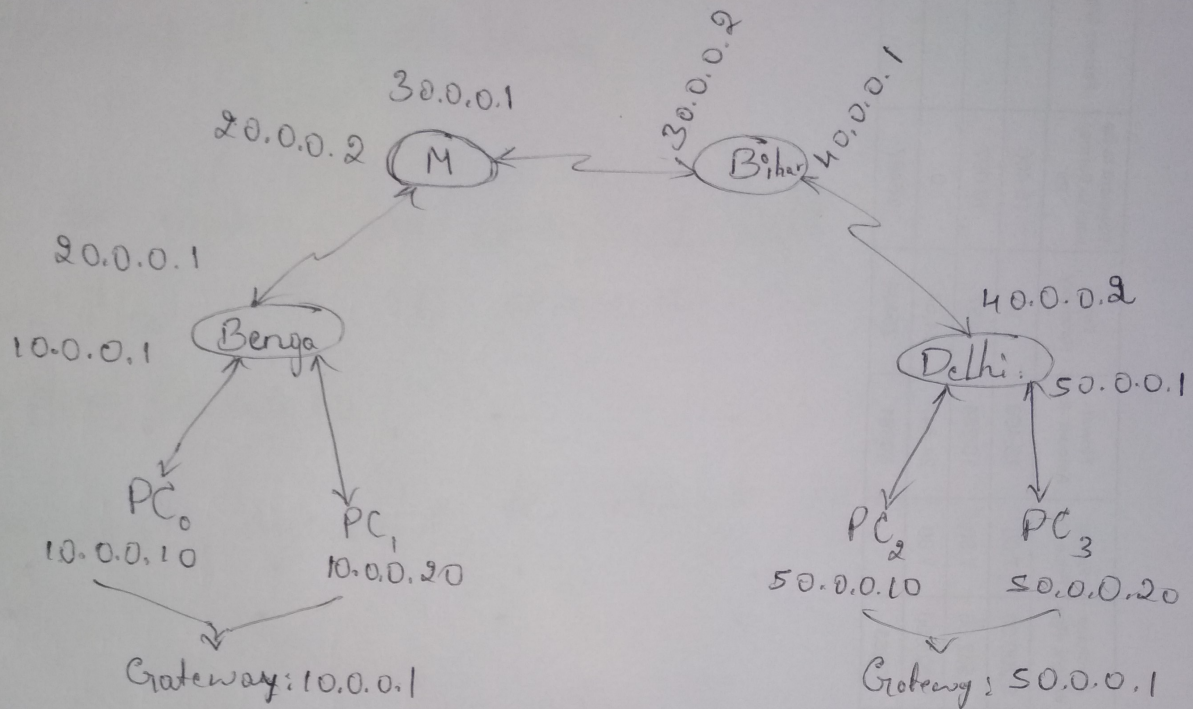
Router(config)# no shutdown.

→ Once the routers are configured with the PC's
ping PC₀ with IP 50.0.0.10

> ping 50.0.0.10

→ Now if it's successful the network is ready.

Topology:



→ Setting the gateway & IP to all devices.

→ To ^{have} give connections for Bengaluru with Bihar & Delhi.

```

Router(config)# ip route 30.0.0.0 255.0.0.0 20.0.0.2
Router(config)# ip route 40.0.0.0 255.0.0.0 20.0.0.2
Router(config)# ip route 50.0.0.0 255.0.0.0 20.0.0.2.
  
```

→ In the same way link Mumbai with Delhi & its PC's of Delhi and Bengaluru.

→ link Bihar with Bengaluru & its PC links